NORTH CENTRAL FOREST EXPERIMENT STATION
Research Note NC-259
1992 FOLWELL AVE. ST. PAUL, MN 55108 FOREST SERVICE-U.S.D.A.
1980

PULPWOOD PRODUCTION[1/] IN THE LAKE STATES, BY COUNTY, 1979

James E. Blyth, *Principal Market Analyst*,
and W. Brad Smith, *Associate Mensurationist*

ABSTRACT.--Pulpwood production in the Lake States--Michigan, Minnesota, and Wisconsin--climbed to 5.55 million cords in 1979. Pulpwood production is shown by county and species group for these three States.

KEY WORDS: Residue, Michigan, Minnesota, Wisconsin.

Lake States pulpwood production advanced to 5.55 million cords in 1979. For the first time, logs, bolts, and wood residue used in manufacturing particleboard and waferboard are included in this annual report series. Wisconsin produced 2.11 million cords, Michigan 1.98 million cords, and Minnesota 1.46 million cords.

Ninety percent of the total output came from roundwood (including chips); the remainder came from mill residue such as slabs, edgings, veneer cores, and chips from those materials. Production from softwood and hardwood residue by State was:

State	Softwood	Hardwood
	(Hundred standard cords, unpeeled)	
Michigan	153	1,625
Minnesota	427	752
Wisconsin	485	2,107

Leading species harvested were aspen (2,298,000 cords), pine (870,000 cords), maple (443,000 cords), balsam fir (287,000 cords), and birch (266,000 cords).

Wisconsin continued to import large quantities of wood--516,000 cords from Michigan, 169,000 cords from Minnesota, 266,000 cords from other (primarily western) States, and 92,000 cords from Canada. Total exports from Wisconsin were only 85,000 cords.

1/ Includes logs, bolts, and wood residue used in manufacturing particleboard and waferboard.

Counties producing more than 100,000 cords were Iron and Marquette in Michigan; St. Louis, Koochiching, and Itasca in Minnesota; and Oneida, Marinette, Price, Forest, and Sawyer in Wisconsin (table 1). These counties supplied one-third of the pulpwood produced in the Lake States from roundwood in 1979.

Table 1.--*Lake States pulpwood production by county and species, 1979*

(In hundred standard cords, unpeeled)

Unit[1] and county	ALL species	Pine	Spruce	Balsam fir	Hemlock	Tamarack	Cedar	Aspen	Birch	Oak	Maple	Other hdwds.
MICHIGAN												
E. UPPER PENINSULA												
Alger	621	107	18	51	69	2	9	105	81	1	101	77
Chippewa	492	295	36	50	12	2	4	47	15	X	21	10
Delta	923	90	34	107	42	3	12	333	86	2	132	82
Luce	559	331	34	30	57	1	2	41	17	X	29	17
Mackinac	396	49	43	49	12	1	5	128	31	X	46	32
Menominee	938	29	36	93	46	3	5	462	66	5	124	69
Schoolcraft	636	285	12	47	26	1	4	131	49	1	34	46
Total	4565	1186	213	427	264	13	41	1247	345	9	487	333
W. UPPER PENINSULA												
Baraga	657	27	10	41	24	2	8	132	114	1	247	51
Dickinson	710	15	34	40	7	X	2	406	62	2	99	43
Gogebic	663	42	14	38	51	2	7	215	38	2	150	104
Houghton	218	62	4	17	9	X	1	36	23	X	46	20
Iron	1355	105[2]	65	176	38	3	9	581	101	1	196	80
Keweenaw	7	X[2]	1	2	3	X	0	0	X	0	1	X
Marquette	1345	228	36	94	48	4	13	312	150	12	373	75
Ontonagon	655	5	3	5	5	X	1	366	37	1	152	80
Total	5610	484	167	413	185	11	41	2048	525	19	1264	453
N. LOWER PENINSULA												
Alcona	463	47	0	0	0	0	0	260	11	106	23	16
Alpena	296	44	0	0	0	0	0	148	17	42	30	15
Antrim	17	X	0	0	0	0	0	10	X	1	3	3
Arenac	51	3	0	0	0	0	0	20	3	18	5	2
Bay	1	X	0	0	0	0	0	1	X	0	0	0
Benzie	119	2	0	0	0	0	0	61	2	9	29	16
Charlevoix	X	0	0	0	0	0	0	X	0	0	0	0
Cheboygan	482	62	1	4	0	0	0	315	38	2	43	17
Clare	413	16	0	0	0	0	0	293	9	37	53	5
Crawford	247	157	2	1	0	0	0	27	1	31	27	1
Emmet	44	X	0	0	0	0	0	37	2	1	4	0
Gladwin	85	X	0	0	0	0	0	65	4	4	10	2
Grand Traverse	110	37	0	0	0	0	0	37	1	12	19	4
Iosco	100	87	0	0	0	0	0	12	0	0	1	X
Isabella	61	2	0	0	0	0	0	59	0	X	X	X
Kalkaska	148	40	0	0	0	0	0	83	2	10	10	3
Lake	601	143	0	0	0	0	0	154	2	184	100	18
Leelanau	37	4	0	0	0	0	0	3	0	6	10	14
Manistee	223	4	0	0	0	0	0	97	4	79	26	13
Mason	221	22	0	0	0	0	0	89	5	46	48	11
Mecosta	161	32	0	0	0	0	0	101	X	22	5	1
Midland	34	1	0	0	0	0	0	30	2	0	1	0
Missaukee	134	15	2	1	0	0	0	97	2	6	9	2
Montmorency	537	116	0	X	0	0	0	307	23	49	32	10
Newaygo	382	157	0	0	0	0	0	114	1	89	17	4
Oceana	206	12	0	0	0	0	0	114	2	37	30	11
Ogemaw	262	60	0	0	0	0	0	149	3	24	23	3
Osceola	195	33	0	0	0	0	0	113	3	25	18	3
Oscoda	675	266	0	0	0	0	0	269	26	80	27	7
Otsego	389	75	0	0	0	0	0	255	19	7	32	1
Presque Isle	313	26	3	4	0	0	0	170	27	14	52	17
Roscommon	207	27	2	1	0	0	0	150	2	20	4	1
Wexford	375	170	0	0	0	0	0	111	2	21	54	17
Total	7589	1660	10	11	0	0	0	3751	213	982	745	217
S. LOWER PENINSULA												
Allegan	35	15	0	0	0	0	0	10	0	9	1	X
Barry	4	3	0	0	0	0	0	1	0	X	0	0
Gratiot	2	0	0	0	0	0	0	2	0	X	X	X
Ionia	X	X	0	0	0	0	0	0	0	0	0	0
Kalamazoo	1	1	0	0	0	0	0	0	0	0	0	0
Kent	7	5	0	0	0	0	0	1	0	1	X	X
Livingston	1	1	0	0	0	0	0	0	0	0	0	0
Montcalm	38	5	0	0	0	0	0	24	X	8	1	X
Muskegon	57	36	0	0	0	0	0	3	X	16	2	X
Ottawa	112	93	0	0	0	0	0	5	X	12	2	X
Saginaw	1	0	0	0	0	0	0	1	0	0	0	0
Shiawassee	1	1	0	0	0	0	0	0	0	0	0	0
Tuscola	2	2	0	0	0	0	0	0	0	0	0	0
Van Buren	6	5	0	0	0	0	0	X	0	1	X	0
Washtenaw	5	5	0	0	0	0	0	0	0	0	0	0
Total	272	172	0	0	0	0	0	47	X	47	6	X
State total	18036	3502	390	851	449	24	82	7093	1083	1057	2502	1003

(Table 1 continued on next page)

(Table 1 continued)

MINNESOTA

Unit and county	All species	Pine	Spruce	Balsam fir	Hemlock	Tamarack	Cedar	Aspen	Birch	Oak	Maple	Other hdwds.
ASPEN-BIRCH												
Carlton	165	28	19	13	0	6	0	94	X	0	X	5
Cook	544	48	112	78	0	0	0	296	3	0	0	7
Koochiching	2633	139	589	330	0	154	0	1333	3	0	3	82
Lake	569	133	172	24	0	2	0	223	10	0	X	5
St. Louis	3046	399	294	268	0	21	0	1972	9	X	1	82
Total	6957	747	1186	713	0	183	0	3918	25	X	4	181
NORTHERN PINE												
Aitkin	536	11	10	8	0	9	0	493	1	1	1	2
Becker	32	10	0	0	0	0	0	22	0	0	0	0
Beltrami	966	130	79	113	0	63	0	547	3	4	4	23
Cass	690	135	4	12	0	9	0	516	2	1	X	11
Clearwater	299	32	22	16	0	20	0	209	0	0	0	0
Crow Wing	137	55	1	X	0	0	0	81	0	0	0	0
Hubbard	487	124	6	22	0	4	0	331	0	0	0	0
Itasca	2047	52	84	262	0	30	0	1581	4	X	2	32
Lake of the Woods	386	82	104	26	0	13	0	152	0	0	0	9
Mahnomen	33	10	0	0	0	2	0	21	0	0	0	0
Roseau	159	52	31	2	0	3	0	71	0	0	0	0
Wadena	78	61	2	0	0	0	0	15	0	0	0	0
Total	5850	754	343	461	0	153	0	4039	10	6	7	77
CENTRAL HARDWOOD												
Chisago	6	3	0	0	0	0	0	3	0	0	0	0
Hennepin	6	0	0	0	0	0	0	0	0	0	0	6
Isanti	22	17	0	0	0	0	0	5	0	0	0	0
Kanabec	61	6	0	0	0	0	0	50	2	1	X	2
Mille Lacs	228	0	0	0	0	0	0	189	15	8	4	12
Morrison	56	10	X	X	0	0	0	41	2	1	X	2
Otter Tail	22	10	0	0	0	2	0	10	0	0	0	0
Pine	138	13	X	0	0	0	0	112	13	0	0	0
Ramsey	1	0	0	0	0	0	0	0	0	0	0	1
Sherburne	16	16	0	0	0	0	0	0	0	0	0	0
Todd	10	9	0	0	0	0	0	1	0	0	0	0
Total	566	84	X	X	0	2	0	411	32	10	4	23
PRAIRIE												
Polk	28	0	0	0	0	20	0	8	0	0	0	0
Total	28	0	0	0	0	20	0	8	0	0	0	0
State total	13401	1585	1529	1174	0	358	0	8376	67	16	15	281

(Table 1 continued on next page)

(Table 1 continued)

WISCONSIN

Unit and county	All species	Pine	Spruce	Balsam fir	Hemlock	Tamarack	Cedar	Aspen	Birch	Oak	Maple	Other hdwds.
NORTHEASTERN												
Florence	587	47	7	14	2	X	X	384	35	3	54	41
Forest	1079	63	42	187	38	1	1	409	99	5	129	105
Langlade	674	36	3	25	3	X	0	242	67	8	184	106
Lincoln	628	33	8	41	13	2	X	327	39	12	76	77
Marinette	1369	284	14	31	18	X	X	794	109	12	61	46
Oconto	379	154	4	36	3	X	0	151	16	X	10	5
Oneida	1611	201	51	199	45	2	1	625	214	53	144	76
Shawano[3]	588	60	0	2	126	0	0	258	13	7	58	64
Vilas	944	67	13	69	10	X	X	453	170	26	92	44
Total	7859	945	142	604	258	5	2	3643	762	126	808	564
NORTHWESTERN												
Ashland	765	62	9	77	4	X	X	359	108	9	86	51
Barron	104	3	0	0	0	0	0	6	21	23	35	16
Bayfield	859	195	2	20	1	0	X	503	111	6	11	10
Burnett	220	177	0	X	0	0	0	38	3	0	2	X
Douglas	841	428	1	5	0	0	0	384	20	0	1	2
Iron	521	16	2	15	4	X	X	264	30	3	88	99
Polk	6	3	0	0	0	0	0	3	0	0	0	0
Price	1280	29	16	60	25	6	1	506	130	24	197	286
Rusk	312	3	0	1	2	X	0	166	38	11	47	44
Sawyer	1044	102	2	25	75	X	X	419	124	28	161	108
Taylor	670	12	5	23	15	X	0	271	46	16	116	166
Washburn	382	103	3	1	0	0	0	263	5	1	3	3
Total	7004	1133	40	227	126	6	1	3182	636	121	747	785
CENTRAL												
Adams	340	243	X	0	0	0	0	4	3	81	4	5
Chippewa	206	19	0	X	1	X	0	93	20	21	25	27
Clark	306	44	0	X	4	0	0	118	18	71	25	26
Eau Claire	151	53	0	0	0	0	0	10	8	53	17	10
Jackson	175	127	0	0	0	X	0	13	4	22	4	5
Juneau	288	193	0	0	0	0	0	20	8	53	6	8
Marathon	847	51	X	12	7	0	0	200	29	50	236	262
Marquette	122	67	1	0	0	0	0	2	4	40	4	4
Monroe	83	63	0	0	0	0	0	2	2	12	2	2
Portage	175	101	0	X	1	X	0	36	4	26	6	1
Waupaca	136	49	0	X	X	0	0	67	2	6	4	8
Waushara	127	111	0	0	0	0	0	1	X	13	1	1
Wood	311	149	X	0	X	0	0	89	7	45	10	11
Total	3267	1270	1	12	13	X	0	655	109	493	344	370
SOUTHWESTERN												
Buffalo	15	15	0	0	0	0	0	0	0	0	0	0
Crawford	14	0	0	0	0	0	0	4	1	5	2	2
Dunn	93	93	0	0	0	0	0	0	X	X	X	X
Grant	31	0	0	0	0	0	0	8	1	14	4	4
Iowa	3	0	0	0	0	0	0	1	X	2	X	X
La Crosse	16	16	0	0	0	0	0	0	X	0	X	X
Lafayette	3	0	0	0	0	0	0	1	X	2	X	X
Pepin	16	16	0	0	0	0	0	0	0	0	0	0
Pierce	X	0	0	0	0	0	0	X	0	0	X	X
Richland	X	X	0	0	0	0	0	0	0	0	0	0
Sauk	30	28	0	0	0	0	0	0	X	1	1	X
Trempealeau	31	31	0	0	0	0	0	X	0	0	X	X
Vernon	1	1	0	0	0	0	0	X	0	0	0	0
Total	253	200	0	0	0	0	0	14	2	24	7	6
SOUTHEASTERN												
Brown	14	4	6	0	0	0	0	4	0	0	0	0
Columbia	59	43	0	0	0	0	0	1	2	8	3	2
Dodge	3	0	0	0	0	0	0	0	3	0	0	0
Door	X	X	0	0	0	0	0	0	0	0	0	0
Green	2	2	0	0	0	0	0	0	0	0	0	0
Green Lake	2	1	X	0	0	0	0	0	X	0	X	1
Outagamie	10	1	0	0	0	0	0	8	X	0	1	X
Waukesha	13	13	0	0	0	0	0	0	0	0	0	0
Total	103	64	6	0	0	0	0	13	5	8	4	3
State total	18486	3612	189	843	397	11	3	7507	1514	772	1910	1728

[1]/Includes only those counties that supplied pulpwood in 1979.
[2]/X = Less than 50 cords.
[3]/Includes Menominee County.